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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/024,731	12/19/2001	Jouni Kamarainen	4208-4050	4440
27123	7590	09/19/2007		
MORGAN & FINNEGAN, L.L.P. 3 WORLD FINANCIAL CENTER NEW YORK, NY 10281-2101			EXAMINER BAIG, SAHAR A	
			ART UNIT 2623	PAPER NUMBER
			NOTIFICATION DATE 09/19/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary	Application No. 10/024,731	Applicant(s) KAMARAINEN ET AL.	
	Examiner Sahar A. Baig	Art Unit 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>07/18/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1-9, 11-17, 21-28, 35-37, and 41 rejected under 35 U.S.C. 102(e) as being anticipated by DeWeese et al (U.S. Patent No. 6,544,121).

Regarding Claim 1, 12, and 21, DeWeese discloses a method of providing broadcast service to a plurality of users, comprising: hosting a first user and a second user; transmitting broadcast service to said first user; receiving a broadcast request from said second user, said broadcast request for said broadcast service being transmitted to said first user; and transmitting said broadcast service to said second user. **[0055 Television broadcast services are provided to various users on different channels. User B is free to tune to the channel being watched by user A at any time.]**

Regarding Claim 2, 3, 13, 22, 23, 33, and 37, DeWeese discloses a method further comprising receiving a notification request from said first user after said transmitting of broadcast service to said first user, said notification request

comprising: information regarding said broadcast service being transmitted to said first user; and identification information of said second user for notifying said second user regarding said broadcast service being transmitted to said first user.

[0131 *The user is able to send a chat request to all other users currently watching the same television show that the user is tuned into. Thus the broadcast and identification information of the first user is utilized in order to inform other users of the chat room availability]*

Regarding Claim 4, 11, and 24, DeWeese discloses a method wherein said broadcast services are transmitted to said second user via a session initiation protocol server. **[0011** *Since the disclosed invention makes use of the Internet it is inherent that the protocol mentioned is used.]*

Regarding Claim 5 and 25, DeWeese discloses a method further comprising providing voice communication between said first user and said second user, said voice communication being simultaneous with said transmission of broadcast service to said second user. **[0105 Figure 10** *describes voice communication as being part of the television chat program.]*

Regarding Claim 6, 7, 8, 9, 14, 16, 26, 27, 28, 29, 34, 36 and 41, DeWeese discloses a method wherein said first user receives broadcast service on a first wireless device. **[0071** *Communications network 86 may be any suitable*

communications network such as the Internet, a public or private telephone network, a network involving satellite or wireless links, cable network, etc. A laptop is one example of a wireless device that may be used.】

Regarding Claim 15, 17, and 35, DeWeese discloses a method of obtaining broadcast service over a telecommunication network, the broadcast service accessible with a wireless device, comprising: receiving a notification regarding the availability of the broadcast service from a first user of the telecommunication network **[0131** *The user is able to send a chat request to all other users currently watching the same television show that the user is tuned into. Thus the broadcast and identification information of the first user is utilized in order to inform other users of the chat room availability】*; requesting the broadcast service from a broadcast service provider; and receiving requested broadcast service from said broadcast service provider, wherein a simultaneous connection is maintained with said first user while obtaining the broadcast services, said simultaneous connection being used to transmit voice therebetween. **[0014** *The system allows real-time communications in a chat group to be transmitted between users at user television equipment devices via a server. A cable system headend containing a server may transmit such communications over coaxial cables that also carry television signals or other such communications paths.】*

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 10, 18, 19, 20, 29, 30, 31, 32, 33, 34, 38, 39, and 40, rejected under 35 U.S.C. 103(a) as being unpatentable over DeWeese et al (U.S. Patent No. 6,544,121) in view of Aaltonen (U.S. Patent Publication No. 2001/0005182).

Regarding Claim 10, 18, 29, 30, 31, and 38, DeWeese discloses all the claimed limitations, including broadcasting services transmitted to said second user via a session initiation protocol server. **[0011** *Since the disclosed invention makes use of the Internet it is inherent that the protocol mentioned is used.*]**]** However DeWeese fails to teach the ability to receive Digital Video Broadcasting-Terrestrial signals. In an analogous art, Aaltonen discloses the mobile reception of the known DVB-T (Digital Video Broadcasting Terrestrial Signal). There have been defined two transmission standards within DVB-T, known as the 2 k and 8 k standards. Both are based on OFDM or Orthogonal Frequency Division Multiplexing, where the bits of a digital transmission signal are distributed onto a number of parallel orthogonal carriers. The 2 k standard involves 2048 orthogonal carriers with the mutual spacing of 4464 Hz and the 8 k standard involves 8192 carriers at a spacing of 1116 Hz **[0004]**. Therefore it would have

been obvious to one of ordinary skill in the art to combine the teachings of DeWeese and Aaltonen to provide a wireless system capable of receiving Digital Video Broadcasting-Terrestrial signals.

Regarding Claim 19, 20, 32, 39 and 40, the combined methods of DeWeese and Aaltonen disclose a method for transmitting broadcast to a plurality of users wherein the users are able to communicate simultaneously. In particular, DeWeese discloses a method further comprising receiving download information regarding the requested broadcast service from said broadcast service provider before said receiving of the requested broadcast service which is in audio-visual format. **[0007]**.

Regarding Claim 33 and 34, the combined methods of DeWeese and Aaltonen disclose a method for transmitting broadcast to a plurality of users wherein the users are able to communicate simultaneously. In particular, DeWeese discloses a method wherein said processor is further configured for receiving broadcast services from at least one broadcaster and internet service provider connected therewith. **[0071]** *Communications network 86 may be any suitable communications network such as the Internet, a public or private telephone network, a network involving satellite or wireless links, cable network, etc. A laptop is one example of a wireless device that may be used.]*

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. It includes DeWeese et al. (U.S. Patent No. 6,544,121).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sahar A. Baig whose telephone number is 571-270-3005. The examiner can normally be reached on 4/5/9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Kelley can be reached on 571-272-7331. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SB


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